

Project Name/Location:				Contract Number: W9127N-05-C-0012			
<b>Columbia River Channel Improvement - RM 11+10 to 12+40, Flavel</b>							
Date: 07/27/2005				John Cannon (USACE) present during testing.			
<b>Dredging</b> <b>Load Number</b> 571 <b>Tidal Stage</b> Ebb <b>Dredge State:</b> No Overflow  <b>Weather:</b> Clear <b>Wind:</b> 0-5 kts <b>Seas:</b> 0-1'  <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	20.1	8:43:10	7342194.84	938448.71	2.8	
	DR-2	19.3	8:45:18	7342530.86	938479.28	64.8	8.4
	DR-2R1	19.3	8:45:23	7342526.64	938479.46	60.8	8.3
	DR-4	20.7	8:48:38	7341944.53	938527.62	25.3	
	DR-4R1	21.3	8:48:45	7341912.11	938511.43	29.3	
	DR-3	20.2	8:51:27	7344000.08	938855.59	4.3	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 taken out of the plume, on the port side.							
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

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<b>Dredging</b> <b>Load Number</b> 572 <b>Tidal Stage</b> Ebb <b>Dredge State:</b> No Overflow  <b>Weather:</b> Clear <b>Wind:</b> 10-15 kts <b>Seas:</b> 3-4'  <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	20.6	13:06:16	7343083.38	938255.30	3.2	
	DR-2	19.4	13:09:14	7342335.06	938444.93	48.6	7.4
	DR-2R1	19.5	13:09:17	7342326.62	938445.28	49.5	7.4
	DR-4	19.7	13:12:29	7341974.77	938417.50	43.5	
	DR-4R1	19.4	13:12:35	7341966.08	938411.78	42.2	
	DR-3	17.0	13:16:45	7343626.24	938907.79	5.5	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.			
DR-3 taken out of the plume, on the port side.							
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
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Date: 07/27/2005				John Cannon contacted at 6:15.			
<b>Dredging</b> <b>Load Number</b> 573 <b>Tidal Stage</b> Flood <b>Dredge State:</b> No Overflow  <b>Weather:</b> Clear <b>Wind:</b> 25-30 kts <b>Seas:</b> 4'-6'  <b>Disposal location</b> Columbia River DWS	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
	DR-1	19.8	17:26:45	7347253.91	938567.19	2.2	
	DR-2	20.3	17:29:04	7347812.09	938781.12	8.9	9.1
	DR-2R1	19.7	17:29:09	7347812.09	938781.12	8.6	9.0
	DR-4	21.1	17:30:28	7348208.04	938752.42	5.0	
	DR-3	19.8	17:33:10	7347036.27	938515.46	3.0	
<b>Remarks:</b>				<b>Action Taken:</b>			
DR-2 exceeded 10% over background, taken out of the plume.				Re-test DR-2R1 was taken.			
DR-4 taken out of the plume.							
DR-3 taken out of the plume, on the port side.							
				The dredge moved away from the area while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
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